

3M Tvro Antenna

- (1) Precision stretch formed aluminum reflector
- (2) C-Band and Ku-Band are available
- (3) Stylish design, easy to install and adjust
- (4) Excellent in anti-corrosion
- (5) linear polarization and circular polarization are available
- (6) single and dual port are available
- (7) High in stability
- (8) Custom made product

Tvro Antenna	3.0m Tvro antenna	
	C-BAND	Ku-BAND
Frequency	3.4-4.2GHz	10.95-12.75GHz
Isolation	35dB	
Insertion Loss	0.25dB	0.3dB
VSWR	1.3:1	
-3dB Beamwidth	1.77°	0.597°
Feed Interface	WR229/F	WR75/F
Gain	39.33dB	48.79dB
	(F=3.8GHz)	(F=11.8GHz)
Sidelobe Level	52-10lg(D/λ)-25lgθ	32-25 lgθ
	2°≤θ≤ 20°	2°≤θ≤ 20°
First Sidelobe	≤-14dB	
Noise Temperature	34°K@10°	48°K@10°
Environmental		
Wind Loading	45mph 72kmph operational Maintain Precision)	
	60mph 97kmph operational (Decrease Precision)	
	125mph 200kmph Survival (Fixed Heavenward)	
Temperature	-45~50°C	
Relative Humidity	0%~100%	
Seismic(survival)	0.3Gs horizontal 0.15 Gs vertical	
Mechanical		
Elevation Adjustment	0°to 90°Continuous Fine Adjustment	
Azimuth Adjustment	0°to 360°Continuous Fine Adjustment	
Antenna Optics	Prime-focus antenna	